

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



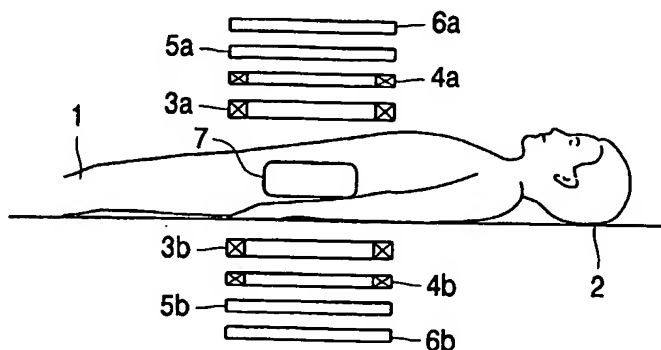
(43) International Publication Date
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number
WO 2004/091392 A1

- (51) International Patent Classification⁷: A61B 5/06, (74) Agent: MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
A61N 1/40
- (21) International Application Number: PCT/IB2004/001119
- (22) International Filing Date: 5 April 2004 (05.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
03101012.7 15 April 2003 (15.04.2003) EP
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lectual Property & Standards GmbH, Weissshausstr. 2, 52066
Aachen (DE).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments
- For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND ARRANGEMENT FOR INFLUENCING MAGNETIC PARTICLES AND DETECTING INTERFER-
ING MATERIAL



(57) Abstract: The invention relates to a method and an arrangement for influencing magnetic particles in a region of action. Methods and arrangements of this kind can be used to determine the spatial distribution of magnetic particles in the region of action or to heat up the magnetic particles locally. If, in addition to the magnetic particles, there is also interfering material in the region of action then this material may heat up in an unwanted way. To avoid unwanted heating-up of this kind, any interfering material that may be present is detected beforehand. If there is interfering material present, then an examination or investigation, or treatment, can be carried out with changed system parameters.